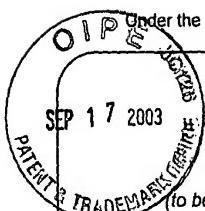


09-22-03

PTO/SB/21 (6-98)

Approved for use through 09/30/2000. OMB 0651-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in this Submission	4	Application Number	10/626,476
		Filing Date	July 23, 2003
		First Named Inventor	Paul W. Skinner
		Group Art Unit	Unassigned
		Examiner Name	Unassigned

Total Number of Pages in this Submission

ENCLOSURES (check all that apply)

- | | | |
|---|--|---|
| <input type="checkbox"/> Fee Transmittal Form
<input type="checkbox"/> Fee Attached

<input type="checkbox"/> Amendment / Response
<input type="checkbox"/> After Final
<input type="checkbox"/> Affidavits/declaration(s)
<input type="checkbox"/> Extension of Time Request

<input type="checkbox"/> Express Abandonment Request

<input checked="" type="checkbox"/> Information Disclosure Statement

<input type="checkbox"/> Certified Copy of Priority Document(s)

<input type="checkbox"/> Response to Missing Parts/ Incomplete Application
<input type="checkbox"/> Response to Missing Parts uner 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Assignment Papers
(for an Application)

<input type="checkbox"/> Drawings

<input type="checkbox"/> Licensing-related Papers

<input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and accompanying Petition

<input type="checkbox"/> Petition to Convert to a Provisional Application

<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address

<input type="checkbox"/> Terminal Disclaimer

<input type="checkbox"/> Small Entity Statement

<input type="checkbox"/> Request for Refund | <input type="checkbox"/> After Allowance Communication to Group

<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences

<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)

<input type="checkbox"/> Proprietary Information

<input type="checkbox"/> Status Letter

<input checked="" type="checkbox"/> Additional Enclosure(s)
(please identify below): |
| Remarks | | PTO-1449
Confirmation postcard |

SIGNATURE OF APPLICANT, ATTORNEY OR AGENT

Firm or Individual name	Charles J. Kulas, Reg. No. 35,809
Signature	
Date	September 19, 2003

CERTIFICATE OF MAILING OR TRANSMISSION

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to Commissioner for Patents, Arlington, VA 22313-1450 on this date: September 19, 2003.

Name (Print/Type)	Tamara N. Block		
Signature		Date	September 19, 2003

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. Send fees and completed forms to the following address: Commissioner for Patents, P O Box 1450, Arlington, VA 22313-1450.



Attorney Docket No.: 021208-000120US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Paul W. Skinner Art Unit : Unassigned
Serial No. : 10/626,476 Examiner : Unassigned
Filed : July 23, 2003
Title : SYSTEM FOR AUTOMATED MONITORING AND MAINTENANCE OF CROPS
 INCLUDING COMPUTER CONTROL OF IRRIGATION AND CHEMICAL
 DELIVERY USING MULTIPLE CHANNEL CONDUIT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

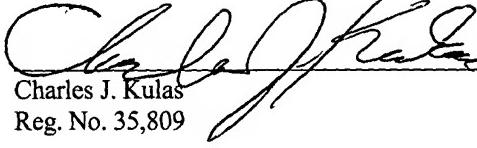
Copies of the references listed on the attached PTO-1449 forms are not enclosed.

Under 35 USC §120, this application relies on the earlier filing date of application serial number 09/872,477, filed on May 31, 2001. All of the following references were submitted to and/or cited by the Office in the prior application and, therefore, are not provided in this application.

This filing is being made before receipt of a first Office Action and therefore, no fee is required.

Respectfully submitted,

Date: September 19, 2003


Charles J. Kulas
Reg. No. 35,809

CARPENTER AND KULAS, LLP
1900 Embarcadero Road
Suite 109
Palo Alto, CA 94303
Tel.: 650-842-0300
Fax: 650-842-0304

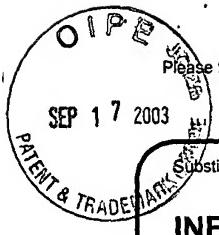
CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

September 19, 2003

Date of Deposit


Tamara N. Block



Please type a plus sign (+) inside this box →

PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

Approved for use through 07/01/2012. GPO: 2011 OMB Control Number: 1110-0002
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
to respond to a collection of information unless it contains a valid OMB control number.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

1 of 2

Complete if Known

Application Number	10/626,476
Filing Date	July 23, 2003
First Named Inventor	Paul W. Skinner
Group Art Unit	Unassigned
Examiner Name	Unassigned
Attorney Docket Number	021028-000120US

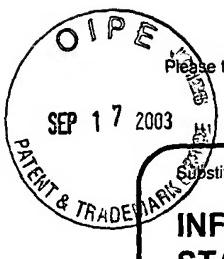
FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Office ³	Number ⁴	Kind Code ⁵ (if known)			
		GB	741 526 A		Ind. Synthetics Corp	12/07/1955	
		DE	27 39 650 A		BECKMANN	03/08/1979	
		DE	31 32 914 A		KLEISKE	03/03/1983	
		DE	35 37 077 A		BEHKAPLAST	10/23/1986	
		WO	00/15987		US Agriculture, Valmont Industries	03/23/2000	
		FR	2,510,351 A		VANNONI	02/04/1983	
		EP	1 103 178 A		Rain Control AS S	05/30/2001	

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



Please type a plus sign (+) inside this box →

PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

Approved for use through 10/31/2002. GPO: 2001-303
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
to respond to a collection of information unless it contains a valid OMB control number

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Shee

of 2

Complete if Known

Application Number	10/626,476
Filing Date	July 23, 2003
First Named Inventor	Paul W. Skinner
Group Art Unit	Unassigned
Examiner Name	Unassigned
Attorney Docket Number	021028-000120US

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.